

Wochnick, Heather M CIV NAVFAC HQ, BRAC PMO

From: Versluis, Patrick <pversluis@ocwd.com>
Sent: Tuesday, August 07, 2018 15:49
To: Bollweg, Alejandro M CTR NAVFAC HQ, BRAC PMO
Cc: Chammas, Guy A CIV; Smits, Marc P CIV NAVFAC HQ, BRAC PMO; Callian, James T CIV NAVFAC HQ, BRAC PMO; Herndon, Roy
Subject: [Non-DoD Source] RE: (b) (9)
Attachments: (b) (9)_Method537_05-10-18.pdf

Hello Alex,

Roy has asked me to respond to your questions about the (b) (9) results. (b) (9) has actually been tested two times and both sampling events reported non-detection (ND) results. The results sent in April 2018 for the (b) (9) sampling event on 08/09/16 did have higher detection limits which were the required detection limits for EPA Method 537 when the method was initially developed for UCMR3 testing. The OCWD Laboratory has since lowered the detection limits for all parameters in the Method 537 analysis to 4 ng/L. In May 2018, after the last meeting, we had collected another sample at (b) (9). The analysis was performed with the lower detection limits and all results were again reported as non-detect (ND). I have attached a copy of the OCWD Laboratory results for the May 2018 samples for reference.

Please let me know if you have any further questions,

Patrick

<<http://www.ocwd.com/>> <<http://www.ocwd.com/>>

Patrick Versluis
Director of Water Quality

Orange County Water District
18700 Ward Street, Fountain Valley, CA 92708
tel: (714) 378-8241 | Cell (949) 351-1245
fax: (714) 378-3259
email: pversluis@ocwd.com

<<https://www.facebook.com/OCWaterDistrict>> <<https://twitter.com/OCWDWaterNews>>
<<https://www.instagram.com/ocwd/>> <<https://www.youtube.com/user/OCWDwaternews>>

From: Bollweg, Alejandro M CTR NAVFAC HQ, BRAC PMO <alejandro.bollweg.ctr@navy.mil>
<<mailto:alejandro.bollweg.ctr@navy.mil>> >
Sent: Tuesday, August 7, 2018 2:42 PM
To: Herndon, Roy <rherndon@ocwd.com> <<mailto:rherndon@ocwd.com>> >
Cc: Callian, James T CIV NAVFAC HQ, BRAC PMO <james.callian@navy.mil> <<mailto:james.callian@navy.mil>> >; Chammas, Guy A CIV <guy.chammas@navy.mil> <<mailto:guy.chammas@navy.mil>> >; Smits, Marc P CIV NAVFAC HQ, BRAC PMO <marc.smits@navy.mil> <<mailto:marc.smits@navy.mil>> >
Subject: (b) (9)

Hi Roy,

Do you have any PFAS data on (b) (9) more current than the August 2016 results attached? The detection limits seemed pretty high considering the LHA levels. Thanks.

V/R

Alex Bollweg

Environmental Engineering Support II, Contracted Technical Support to

Navy BRAC PMO West

San Diego, CA 92147

Main Office Phone: (619) 524-5096

Desk Phone: (619) 524-5270

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ORANGE COUNTY WATER DISTRICT HISTORICAL SAMPLE INFORMATION AND RESULTS

Station Name: (b) (9)
 Station Type: WELL CASING
 Perf Interval (ft bgs): 555-1015
 Aquifer: UNDEFINED

PS Code: 3010092-058
 Well Owner: IRVINE RANCH WATER DISTRICT
 Well Name:
 City: IRVINE

Sample Group ID: 18005353
 Sample ID: 18010575
 Sample Date/Time: 05/10/2018 13:20
 End Sample Date/Time:
 Sample Depth(ft):
 Sample Matrix: WATER
 Sampling Method: DEDICATED PUMP
 Sampling Agency: ORANGE COUNTY WATER DISTRICT
 Monitoring Program: Title 22
 Sampled By: KEVIN O'TOOLE

Lab Sample Number: 18050288-02
 Laboratory: OCWD
 Analysis Requested: 537
 Receive Date/Time: 05/10/2018 13:55
 Number of Bottles: 4
 Field Filtered: N
 Field Preserved: Y
 Field Cooled: Y

Abbreviation	Parameter	Analysis	Dates		Results		Detection Limit	
	Name	Method	Extract	Analysis	Value	Units	Value	Units

Reported Values

Data Access: Approved for External Use Qualifier: Validated Sample

PFBS	Perfluoro butane sulfonic acid	537	05/11/2018	05/17/2018	ND	ng/L	4	ng/L
PFHpA	Perfluoro heptanoic acid	537	05/11/2018	05/17/2018	ND	ng/L	4	ng/L
PFHxS	Perfluoro hexane sulfonic acid	537	05/11/2018	05/17/2018	ND	ng/L	4	ng/L
PFNA	Perfluoro nonanoic acid	537	05/11/2018	05/17/2018	ND	ng/L	4	ng/L
PFOA	Perfluoro octanoic acid	537	05/11/2018	05/17/2018	ND	ng/L	4	ng/L
PFOS	Perfluoro octane sulfonic acid	537	05/11/2018	05/17/2018	ND	ng/L	4	ng/L